Enallagma durum (Big Bluet)

Report Date: January 13, 2016

Priority 3 Species of Greatest Conservation Need (SGCN)

Class: Insecta (Insects)

Order: Odonata (Dragonflies And Damselflies)
Family: Coenagrionidae (Narrow-winged Damselflies)

General comments:

Only 1 wetland; residency likely but not confirmed; moderate abundance of un-surveyed habitat

Species Conservation Range Maps for Big Bluet:

Town Map: <u>Enallagma durum_Towns.pdf</u>
Subwatershed Map: <u>Enallagma durum_HUC12.pdf</u>

SGCN Priority Ranking - Designation Criteria:

Risk of Extirpation: NA

State Special Concern or NMFS Species of Concern:

Enallagma durum is listed as a species of Special Concern in Maine.

Recent Significant Declines: NA

Regional Endemic: NA

High Regional Conservation Priority: NA High Climate Change Vulnerability: NA

Understudied rare taxa:

Recently documented or poorly surveyed rare species for which risk of extirpation is potentially high (e.g. few known occurrences) but insufficient data exist to conclusively assess distribution and status. *criteria only qualifies for Priority 3 level SGCN*

Notes: Only 1 wetland; residency likely but not confirmed; moderate abundance of un-surveyed habitat

Historical: NA

Culturally Significant: NA

Habitats Assigned to Big Bluet:

Formation Name Borea	l Upland Forest
Macrogroup Name	Boreal Upland Forest
Formation Name Freshwater Aquatic	
Macrogroup Name	Lakes and Ponds
Macrogroup Name	Rivers and Streams
Formation Name Intertidal	
Macrogroup Name	Intertidal Tidal Marsh (peat-forming)

Stressors Assigned to Big Bluet:

No Stressors Currently Assigned to Big Bluet or other Priority 3 SGCN.

Species Level Conservation Actions Assigned to Big Bluet:

No Species Specific Conservation Actions Currently Assigned to Big Bluet or other Priority 3 SGCN.

Conservation Actions Associated with the Lacustrine Odonates Guild:

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Conservation Action Category: Research Biological Priority: high Type: new

Prepare a statewide atlas and conservation assessment. Stressor(s) Addressed By This Conservation Action

Lack of knowledge

Broad Taxonomic Group Conservation Actions:

Additional relevant conservation actions for this species are assigned within broader taxonomic groups in Maine's 2015 Wildlife Action Plan: Element 4, Table 4-1.

Habitat Based Conservation Actions:

Additional conservation actions that may benefit habitat(s) associated with this species can be found in Maine's 2015 Wildlife Action Plan: Element 4, Table 4-15. Click on the Habitat Grouping of interest to launch a habitat based report summarizing relevant conservation actions and associated SGCN.

The Wildlife Action Plan was developed through a lengthy participatory process with state agencies, targeted conservation partners, and the general public. The Plan is non-regulatory. The species, stressors, and voluntary conservation actions identified in the Plan complement, but do not replace, existing work programs and priorities by state agencies and partners.